

viscount®

Accupipe

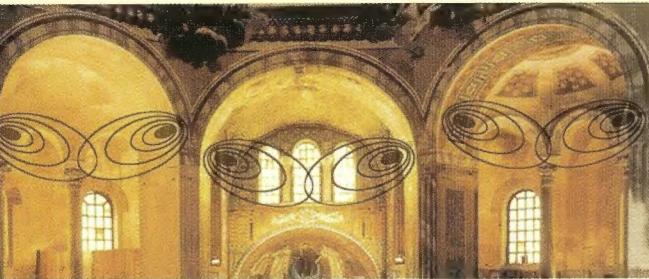
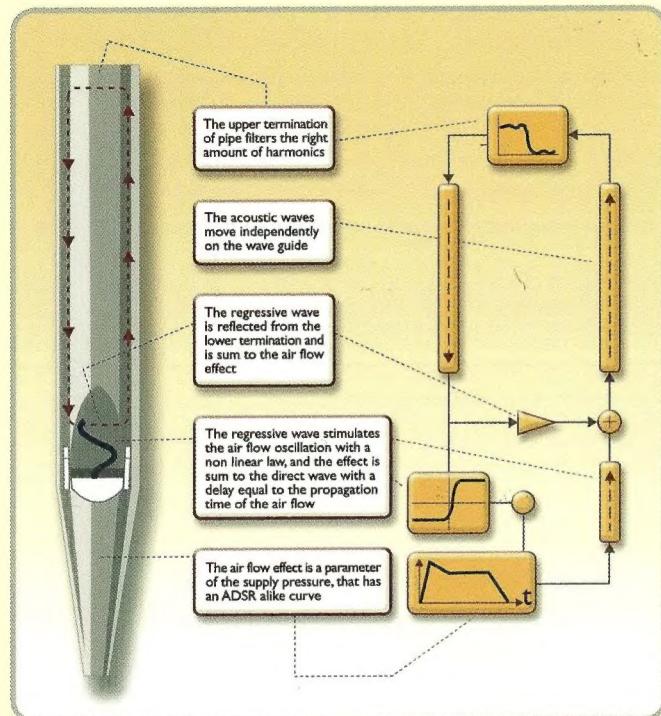


Viscount CM100 Pipe Organ Module with Accupipe Technology

Accupipe Technology

Since 1996, Viscount had had a development programme examining in detail how flue and reed pipes "behave" in a pipe chamber. In particular, our technicians have studied the interaction of pipes when played together. We can now declare: "mission accomplished". Our knowledge has been incorporated in the new ACCUPIPE technology which provides the facility to adjust every parameter in each pipe.

The complete ACCUPIPE algorithm is dedicated to producing the most accurate ensemble as well as each solo voice.



Maximum audio spectrum width with 6 separate channels

This gives the instrument an extraordinary natural feel, similar to that of a good pipe organ.

Viscount is the first digital organ manufacturer to introduce an expander module of this quality and realism. ACCUPIPE is patented by our laboratories.

The ACCUPIPE technology has many advantages such as the elimination of delays and splits associated with "sampling". It creates the response of a traditional pipe organ by using the small nuances of air pressure, scaling and tuning, that give a pipe organ the ensemble and "feel".

As a result, the CM 100 can be used to play music from baroque to romantic because all parameters can be easily adjusted. With ACCUPIPE we are confident that the digital and mechanical organ can develop a personality, and with careful programming will constantly improve.

CM 100

The new CM 100 module, using ACCUPIPE technology, is the ultimate instrument to suit all types of classical organ installation - a church, concert hall, studios, domestic, and electronic hybrids.

For the first time, it is now possible to have organ Stops designed as a pipemaker would build his pipes. Each sound is created and voiced to suit the acoustics of a building or to blend with an existing instrument. The voices in the CM 100 have been created (NOT pre-recorded) using the pipe construction details, materials, (wood or metal), air pressure, scaling etc. Methods hitherto associated with the world's finest pipemakers!

The CM 100 can be voiced and finished to blend with existing pipes, or to integrate with a digital organ. It is controlled through MIDI and can be used to reinforce underpowered reeds, add additional Stops (manuals or pedals or both), or to create a floating division. Outputs enable up to six channels of amplification and speakers to be connected to the module. The controls allow each Stop to be routed via suitable channels, to generate wind-chest layouts for each pipe rank.

The CM 100 is the BEST choice for the professional musician who needs the sound of a traditional pipe organ for his work - particularly, when space is limited - a recording studio or home.

There are no frequencies or sampling rates in the specification. The CM 100 does NOT reproduce what has been programmed in a laboratory. It creates the sound YOU wish to hear!



Voices List Sample

The sound library is in permanent update process, you can find the lastest versions in our site www.viscount-organs.com

Principale 16'
Prinzipal 16'
Prinzipal 8'
Diapason 8'
Ottava 8'
Gemshorn 8'
Oktave 4'
Ottava 4'
Quint 2' 2/3
Superottava 2'
Super Oktave 2'
Terz 1' 3/5
Violone 16'
Gross Gamba 16'
Viola 8'
Traversflöte 8'
Hohl Flöte 8'
Flöte 8'
Spitz Flöte 8'
Offen Flöte 8'
Wald Flöte 4'
Harmonic Flöte 4'
Block Flöte 4'
Piccolo 2'
Block Flöte
Larigot 1' 1/3
Siffloite 1'
Stopped Diapason 16'
Bourdon 16'

Holtz Gedackt 16'
Bordone 8'
Stopped Diapason 8'
Rohr Flöte 8'
Rohr Gedackt 8'
Nazard 2' 2/3
Bourdon 4'
Contra Bombarde 32'
Trombone 16'
Posaune 16'
Fagott 16'
Dulcian 16'
Trompete 8'
Fagotto 8'
Oboe 8'
Voix Humana 8'
Musette 8'
Clarinet 8'
Clarion 4'
Schalmei 4'
Schwebung 8'
Gambe 8'
Flöte Celeste 8'
Mixture V
Kornett V
Sesquialtera II



Accupipe

Accupipe is a copyright technology of Viscount International SpA

CM 100

SYNTHESIS TECHNOLOGY

VOICES FAMILIES

VOICES LIBRARY

TABS ON FRONT PANEL

CONTROLS ON FRONT PANEL

VOICE MEMORIES

AUDIO OUTPUTS

OPERATING MODES

PARTS

PARTS FUNCTIONS

MIDI

DISPLAY

CONNECTIONS

DIMENSIONS

WEIGHT

Technical Specifications

Accupipe™ Acoustic Modeling by Viscount

Compatible with pipe organs

Principals, Flutes, Reeds, Bourdons, Mixture, Cornetts, Strings, Detuned

Up to 180 internal voices (depend on custom software release)

All voices can be freely assigned to MIDI channels and manuals

12 + Tremolo button

General Volume level, Reverb level. Set, 8 voice memory and cancel buttons

8 memory banks with 8 user configurations each

6 different Windchest configuration available on each single voice. Up to 6 outputs freely assignable.

Single Manual (whole) or Multi-manuals (split) with direct access button

12 units, customizable on independent manuals

Set/Cancel

All parts can be played individually or in combinations

Complete Midi implementation (IN, OUT, THRU)

2*40 chars alphanumeric backlit LCD

6 phone jack for line outputs, Expression pedal jack, Headphones, MIDI in-out-thru, service RS-232

390x170x250 mm (WxHxD)

4 kg

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